

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/150,83A  
Source: 1FW/6  
Date Processed by STIC: 7/12/05

***ENTERED***



IFW16

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/09/150,813A

DATE: 07/12/2005  
 TIME: 10:43:15

Input Set : A:\1543002US1.txt  
 Output Set: N:\CRF4\07122005\I150813A.raw

4 <110> APPLICANT: Grainger, David J.  
 5       Tatalick, Lauen Marie  
 6       Kanaly, Suzanne T.  
 8 <120> TITLE OF INVENTION: Compounds and Methods to Inhibit or Augment an Inflammatory  
 Response  
 11 <130> FILE REFERENCE: 1543.002US1  
 13 <140> CURRENT APPLICATION NUMBER: US 09/150813A  
 14 <141> CURRENT FILING DATE: 1998-09-11  
 16 <150> PRIOR APPLICATION NUMBER: US 08/927939  
 17 <151> PRIOR FILING DATE: 1997-09-11  
 19 <160> NUMBER OF SEQ ID NOS: 111  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 12  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Homo sapiens  
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 30    1                   5                   10  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 13  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 2  
 39 Ala Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys  
 40    1                   5                   10  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 15  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Homo sapiens  
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 50    1                   5                   10                   15  
 53 <210> SEQ ID NO: 4  
 54 <211> LENGTH: 15  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Homo sapiens  
 58 <400> SEQUENCE: 4  
 59 His Leu Lys Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val  
 60    1                   5                   10                   15  
 63 <210> SEQ ID NO: 5  
 64 <211> LENGTH: 14  
 65 <212> TYPE: PRT  
 66 <213> ORGANISM: Homo sapiens

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68 <400> SEQUENCE: 5  
69 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val  
70 1 5 10  
73 <210> SEQ ID NO: 6  
74 <211> LENGTH: 16  
75 <212> TYPE: PRT  
76 <213> ORGANISM: Homo sapiens  
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80 1 5 10 15  
83 <210> SEQ ID NO: 7  
84 <211> LENGTH: 10  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Homo sapiens  
88 <400> SEQUENCE: 7  
89 Cys Ala Asp Pro Lys Gln Lys Trp Val Gln  
90 1 5 10  
93 <210> SEQ ID NO: 8  
94 <211> LENGTH: 6  
95 <212> TYPE: PRT  
96 <213> ORGANISM: Homo sapiens  
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99 Glu Ile Cys Ala Asp Pro  
100 1 5  
103 <210> SEQ ID NO: 9  
104 <211> LENGTH: 6  
105 <212> TYPE: PRT  
106 <213> ORGANISM: Homo sapiens  
108 <400> SEQUENCE: 9  
109 Lys Gln Lys Trp Val Gln  
110 1 5  
113 <210> SEQ ID NO: 10  
114 <211> LENGTH: 12  
115 <212> TYPE: PRT  
116 <213> ORGANISM: Artificial Sequence  
118 <220> FEATURE:  
119 <223> OTHER INFORMATION: A synthetic chemokine peptide variant  
121 <400> SEQUENCE: 10  
122 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Val Gln  
123 1 5 10  
126 <210> SEQ ID NO: 11  
127 <211> LENGTH: 12  
128 <212> TYPE: PRT  
129 <213> ORGANISM: Artificial Sequence  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: A synthetic chemokine peptide variant  
134 <400> SEQUENCE: 11  
135 Glu Ile Cys Ala Asp Pro Ser Gln Lys Trp Val Gln  
136 1 5 10

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139 <210> SEQ ID NO: 12  
140 <211> LENGTH: 12  
141 <212> TYPE: PRT  
142 <213> ORGANISM: Artificial Sequence  
144 <220> FEATURE:  
145 <223> OTHER INFORMATION: A synthetic chemokine peptide variant  
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152 <210> SEQ ID NO: 13  
153 <211> LENGTH: 12  
154 <212> TYPE: PRT  
155 <213> ORGANISM: Artificial Sequence  
157 <220> FEATURE:  
158 <223> OTHER INFORMATION: A synthetic chemokine peptide variant  
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165 <210> SEQ ID NO: 14  
166 <211> LENGTH: 12  
167 <212> TYPE: PRT  
168 <213> ORGANISM: Artificial Sequence  
170 <220> FEATURE:  
171 <223> OTHER INFORMATION: A synthetic chemokine peptide variant  
173 <400> SEQUENCE: 14  
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178 <210> SEQ ID NO: 15  
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189 <211> LENGTH: 99  
190 <212> TYPE: PRT  
191 <213> ORGANISM: Homo sapiens  
193 <400> SEQUENCE: 16  
194 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Ile Ala Ala Thr  
195 1 5 10 15  
196 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val  
197 20 25 30  
198 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu  
199 35 40 45  
200 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val  
201 50 55 60  
202 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln  
203 65 70 75 80

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204 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr  
205 85 90 95  
206 Pro Lys Thr  
210 <210> SEQ ID NO: 17  
211 <211> LENGTH: 77  
212 <212> TYPE: PRT  
213 <213> ORGANISM: Homo sapiens  
215 <400> SEQUENCE: 17  
216 Ala Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val  
217 1 5 10 15  
218 Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile  
219 20 25 30  
220 Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg  
221 35 40 45  
222 Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser  
223 50 55 60  
224 Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro  
225 65 70 75  
228 <210> SEQ ID NO: 18  
229 <211> LENGTH: 99  
230 <212> TYPE: PRT  
231 <213> ORGANISM: Homo sapiens  
233 <400> SEQUENCE: 18  
234 Met Lys Ala Ser Ala Ala Leu Leu Cys Leu Leu Leu Thr Ala Ala Ala  
235 1 5 10 15  
236 Phe Ser Pro Gln Gly Leu Ala Gln Pro Val Gly Ile Asn Thr Ser Thr  
237 20 25 30  
238 Thr Cys Cys Tyr Arg Phe Ile Asn Lys Lys Ile Pro Lys Gln Arg Leu  
239 35 40 45  
240 Glu Ser Tyr Arg Arg Thr Thr Ser Ser His Cys Pro Arg Glu Ala Val  
241 50 55 60  
242 Ile Phe Lys Thr Lys Leu Asp Lys Glu Ile Cys Ala Asp Pro Thr Gln  
243 65 70 75 80  
244 Lys Trp Val Gln Asp Phe Met Lys His Leu Asp Lys Lys Thr Gln Thr  
245 85 90 95  
246 Pro Lys Leu  
250 <210> SEQ ID NO: 19  
251 <211> LENGTH: 92  
252 <212> TYPE: PRT  
253 <213> ORGANISM: Homo sapiens  
255 <400> SEQUENCE: 19  
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257 1 5 10 15  
258 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala  
259 20 25 30  
260 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala  
261 35 40 45  
262 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe  
263 50 55 60

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264 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp  
265 65 70 75 80  
266 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala  
267 85 90  
270 <210> SEQ ID NO: 20  
271 <211> LENGTH: 92  
272 <212> TYPE: PRT  
273 <213> ORGANISM: Homo sapiens  
275 <400> SEQUENCE: 20  
276 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala  
277 1 5 10 15  
278 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr  
279 20 25 30  
280 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val  
281 35 40 45  
282 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val  
283 50 55 60  
284 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser  
285 65 70 75 80  
286 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn  
287 85 90  
290 <210> SEQ ID NO: 21  
291 <211> LENGTH: 91  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Homo sapiens  
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296 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala  
297 1 5 10 15  
298 Leu Cys Ala Pro Ala Ser Ala Ser Pro Tyr Ser Ser Asp Thr Thr Pro  
299 20 25 30  
300 Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys  
301 35 40 45  
302 Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe  
303 50 55 60  
304 Val Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp  
305 65 70 75 80  
306 Val Arg Glu Tyr Ile Asn Ser Leu Glu Met Ser  
307 85 90  
312 <210> SEQ ID NO: 22  
313 <211> LENGTH: 89  
314 <212> TYPE: PRT  
315 <213> ORGANISM: Homo sapiens  
317 <400> SEQUENCE: 22  
318 Met Asn Ala Lys Val Val Val Val Leu Val Leu Val Leu Thr Ala Leu  
319 1 5 10 15  
320 Cys Leu Ser Asp Gly Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys  
321 20 25 30  
322 Arg Phe Phe Glu Ser His Val Ala Arg Ala Asn Val Lys His Leu Lys  
323 35 40 45

**VERIFICATION SUMMARY**

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L:687 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 30

L:1102 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 36